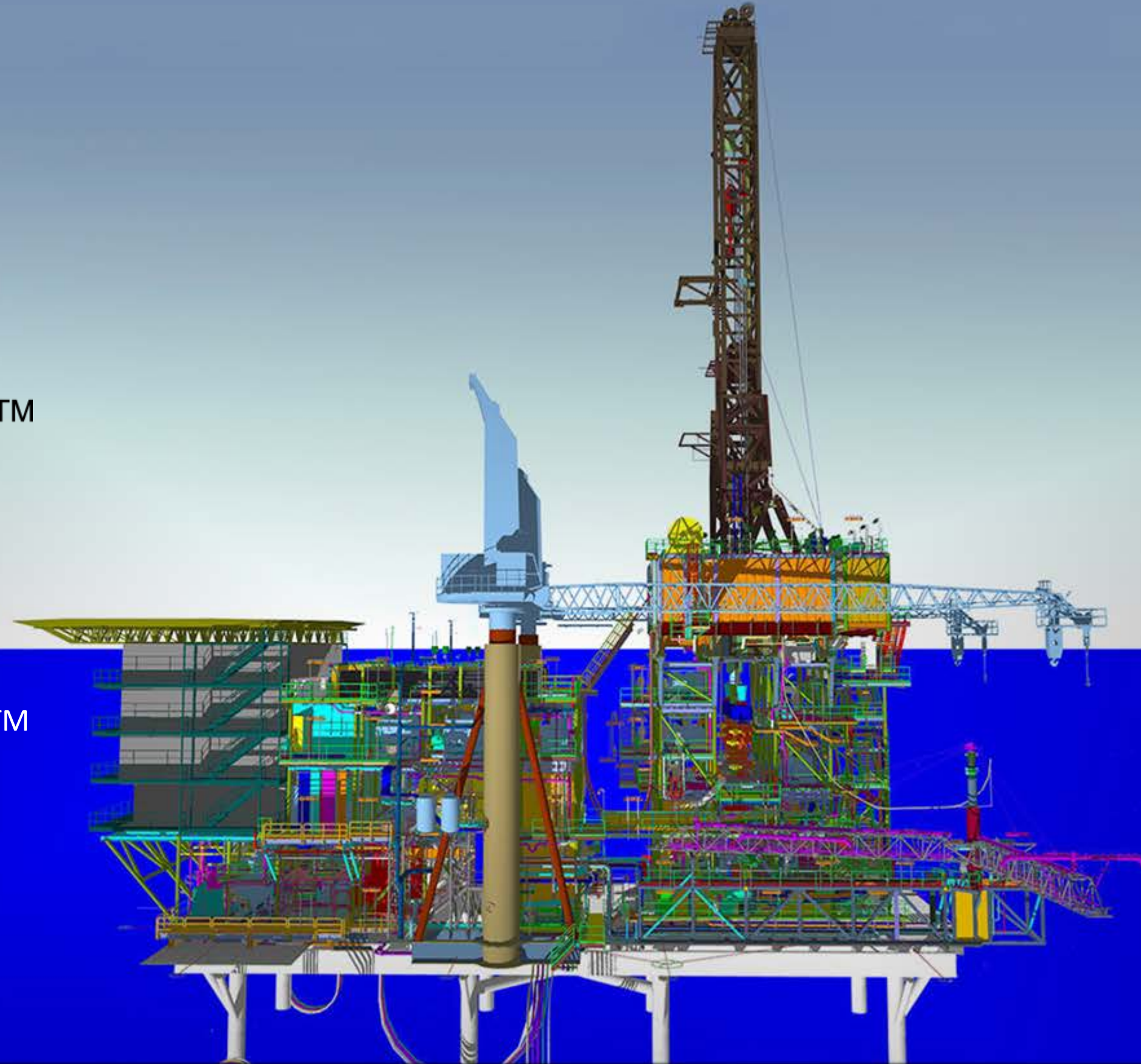


ENSURING SUCCESS FOR HIGH-STAKES CAPITAL PROJECTS. ONSHORE. OFFSHORE. WORLDWIDE.



WILLIAM JACOBTM
MANAGEMENT

WJM MORFTM



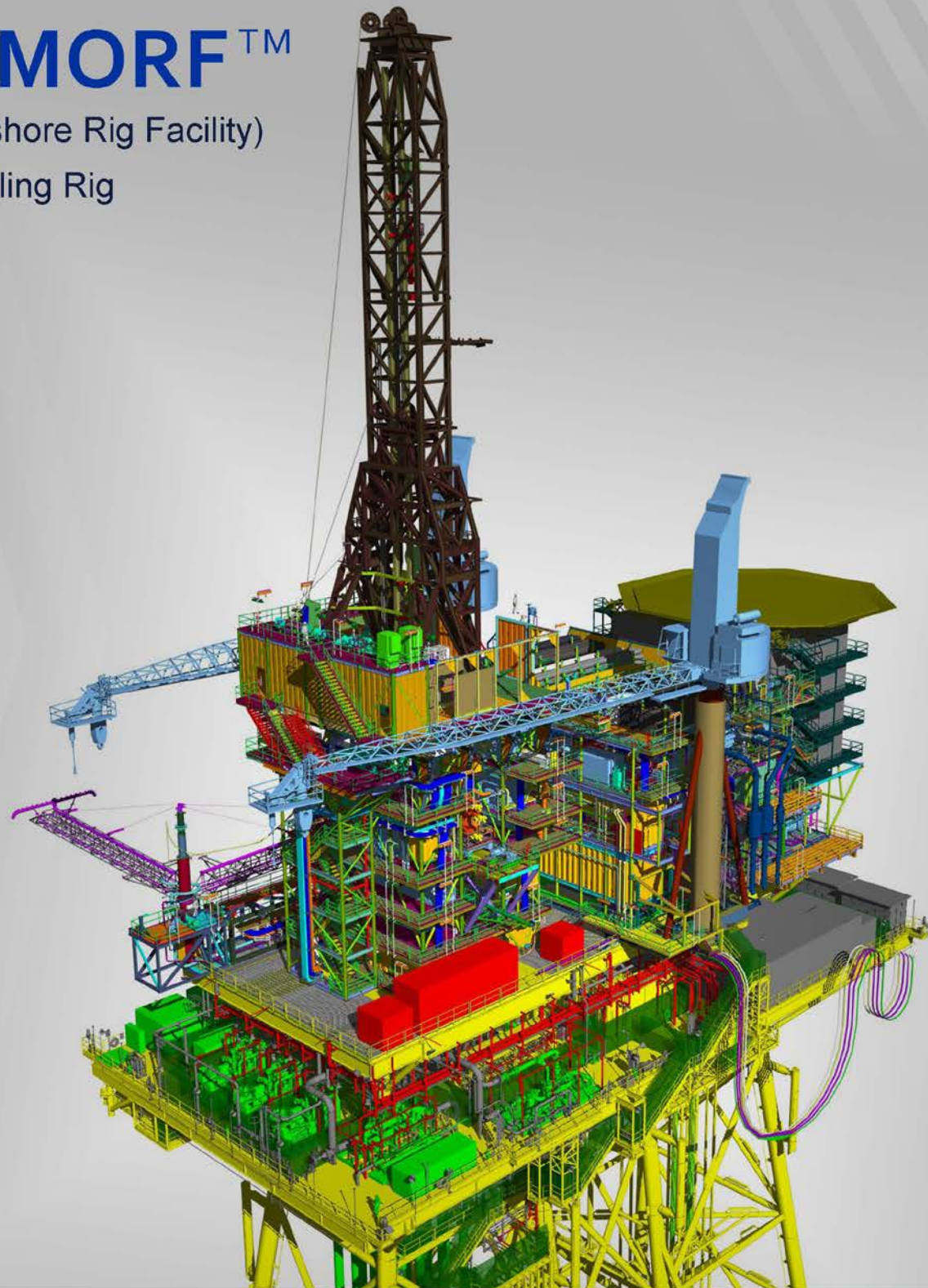
ENGINEERING & PROJECT MANAGEMENT SOLUTIONS



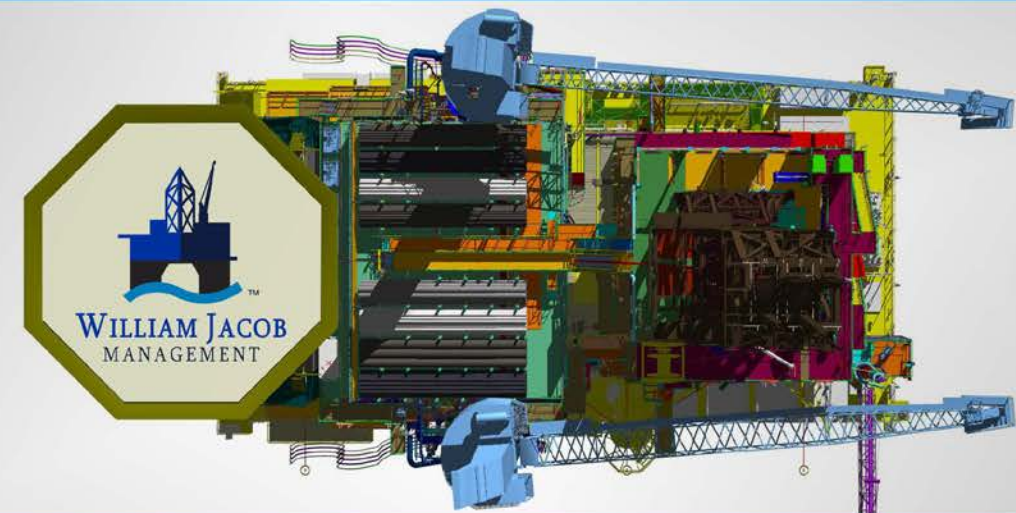
WJM MORF™

(Modular Offshore Rig Facility)

3,000 HP Drilling Rig



WJM MORF™ (MODULAR OFFSHORE RIG FACILITY)



SPECIFICATIONS

DRILLING EQUIPMENT STRUCTURES (DES) – DRILLFLOOR STRUCTURE

MAST

152 ft freestanding, self-erecting Mast with API rated hook load of 1,500,000 lb with racking capability of 30,000 ft of 5-1/2" drill pipe (or 5-1/2" & 4-1/2").

DRAWWORKS

3,000 HP unitized gear driven electric Drawworks with dual disc brakes, sized for 1-3/4" drill line, driven by three (3) 1,150 HP AC electric motors. Equipped with one (1) Crown-O-Matic Crown Block protecting device.

TOPDRIVE

1,150 HP AC, rated at 63,000 ft/lbs continuous torque.

ROTARY

37-1/2" Rotary Table, hydraulically driven, torque capacity of 45,000 ft/lbs with a maximum speed of 200 rpm.

DRILLING EQUIPMENT STRUCTURE (DES)

SOLIDS CONTROL

- Process (Active) Tank Capacity: 600 bbls
- Four (4) dual motion, Triple Deck Shale Shakers (550 gpm each)
- One (1) Desilter/Desander Cones (mounted over 4th Shaker)
- Two (2) Centrifuges
- One (1) Horizontal Vacuum Degasser

BOP

- One (1) 37-1/2" Integral Diverter x 0.5K
- One (1) Shaffer 18-3/4" x 5K Annular
- Two (2) Shaffer 18-3/4" x 10K Double Rams

DRILLING SUPPORT MODULES (DSM)

MUD TANKS

- DES Process Tank Capacity: 600 bbls
- Active Mud Tank Capacity: 1,095 bbls
- Reserve Mud Tank Capacity: 750 bbls
- Mud Tank System Capacity: 2,480 bbls

MUD PUMPS

Three (3) 1,600 HP x 7.5K Triplex Mud Pumps, each powered by two (2) 1,150 HP AC electric motors and equipped with pulsation dampeners and pressure relieve valves.

BULK STORAGE

- Bulk Barite Capacity: 4,200 cu. ft.
- Bulk Cement Capacity: 4,200 cu. ft.
- Pallet Storage Capacity: 2,000 sacks

GENERATORS

- Four (4) Main CAT diesel engines, rated at 2,588 BHP.
- One (1) Auxiliary CAT diesel engines, rated at 960 BHP.

PLATFORM PEDESTAL CRANE MODULES

PLATFORM PEDESTAL CRANES

Two (2) Offshore Pedestal Cranes rated for 75 Tons SWL with 120 foot Lattice Booms

QUARTERS

- One (1) 100 man Quarters Facility
- One (1) Helideck, Rated for Bell 412 Helicopter or similar



WILLIAM JACOB™ MANAGEMENT

15810 Park Ten Place, Suite 300
Houston, Texas, USA 77084

Tel: + 1 281.497.8617

Fax: + 1 281.497.8142

Email: info@WilliamJacob.com

Web: www.WilliamJacob.com

